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Leu Leu Gly Leu Arg Leu Gln Leu Ser Leu Gly Ile Ile Pro Val Glu
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Glu Glu Asn Pro Asp Phe Trp Asn Arg Glu Ala Ala Glu Ala Leu Gly
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gcc gcc aag aag ctg cag cct gca cag aca gcc gcc aag aac ctc atc    5719
Ala Ala Lys Lys Leu Gln Pro Ala Gln Thr Ala Ala Lys Asn Leu Ile
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Ile Phe Leu Gly Asp Gly Met Gly Val Ser Thr Val Thr Ala Ala Arg
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atc cta aaa ggg cag aag aag gac aaa ctg ggg cct gag ata ccc ctg    5815
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        Ala Met Asp Arg Phe Pro Tyr Val Ala Leu Ser Lys Thr Tyr Asn Val
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        gac aaa cat gtg cca gac agt gga gcc aca gcc acg gcc tac ctg tgc    5911
 10     Asp Lys His Val Pro Asp Ser Gly Ala Thr Ala Thr Ala Tyr Leu Cys
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        ttt aac cag tgc aac acg aca cgc ggc aac gag gtc atc tcc gtg atg    6007
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        cga gtg cag cac gcc tcg cca gcc ggc acc tac gcc cac acg gtg aac    6103
 25     Arg Val Gln His Ala Ser Pro Ala Gly Thr Tyr Ala His Thr Val Asn
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        Gly Cys Gln Asp Ile Ala Thr Gln Leu Ile Ser Asn Met Asp Ile Asp
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        Asp Pro Glu Tyr Pro Asp Asp Tyr Ser Gln Gly Gly Thr Arg Leu Asp
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        Tyr Val Trp Asn Arg Thr Glu Leu Met Gln Ala Ser Leu Asp Pro Ser
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        Val Thr His Leu Met Gly Leu Phe Glu Pro Gly Asp Met Lys Tyr Glu
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        atc cac cga gac tcc aca ctg gac ccc tcc ctg atg gag atg aca gag    6487
        Ile His Arg Asp Ser Thr Leu Asp Pro Ser Leu Met Glu Met Thr Glu
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     Arg Ala Leu Thr Glu Thr Ile Met Phe Asp Asp Ala Ile Glu Arg Ala
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10   ggc cag ctc acc agc gag gag gac acg ctg agc ctc gtc act gcc gac     6679
     Gly Gln Leu Thr Ser Glu Glu Asp Thr Leu Ser Leu Val Thr Ala Asp
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     His Ser His Val Phe Ser Phe Gly Gly Tyr Pro Leu Arg Gly Ser Ser
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     Arg Pro Asp Val Thr Glu Ser Glu Ser Gly Ser Pro Glu Tyr Arg Gln
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30   Gln Ser Ala Val Pro Leu Asp Glu Glu Thr His Ala Gly Glu Asp Val
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35   Ala Val Phe Ala Arg Gly Pro Gln Ala His Leu Val His Gly Val Gln
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     Glu Gln Thr Phe Ile Ala His Val Met Ala Phe Ala Ala Cys Leu Glu
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     Pro Tyr Thr Ala Cys Asp Leu Ala Pro Pro Ala Gly Thr Thr Asp Ala
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     Ala His Pro Gly Tyr Ser Arg Val Gly Ala Ala Gly Arg Phe Glu Gln
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            20   25   30

Ala Ala Glu Ala Leu Gly Ala Ala Lys Lys Leu Gln Pro Ala Gln Thr
        35   40   45

Ala Ala Lys Asn Leu Ile Ile Phe Leu Gly Asp Gly Met Gly Val Ser
    50   55   60

Thr Val Thr Ala Ala Arg Ile Leu Lys Gly Gln Lys Lys Asp Lys Leu
65   70   75   80

Gly Pro Glu Ile Pro Leu Ala Met Asp Arg Phe Pro Tyr Val Ala Leu
                85   90   95

Ser Lys Thr Tyr Asn Val Asp Lys His Val Pro Asp Ser Gly Ala Thr
            100   105   110

Ala Thr Ala Tyr Leu Cys Gly Val Lys Gly Asn Phe Gln Thr Ile Gly
        115   120   125

Leu Ser Ala Ala Ala Arg Phe Asn Gln Cys Asn Thr Thr Arg Gly Asn
    130   135   140

Glu Val Ile Ser Val Met Asn Arg Ala Lys Lys Ala Gly Lys Ser Val
145   150   155   160

Gly Val Val Thr Thr Thr Arg Val Gln His Ala Ser Pro Ala Gly Thr
            165   170   175

Tyr Ala His Thr Val Asn Arg Asn Trp Tyr Ser Asp Ala Asp Val Pro
        180   185   190

Ala Ser Ala Arg Gln Glu Gly Cys Gln Asp Ile Ala Thr Gln Leu Ile
        195   200   205

Ser Asn Met Asp Ile Asp Val Ile Leu Gly Gly Gly Arg Lys Tyr Met
    210   215   220

Phe Arg Met Gly Thr Pro Asp Pro Glu Tyr Pro Asp Asp Tyr Ser Gln
225   230   235   240

Gly Gly Thr Arg Leu Asp Gly Lys Asn Leu Val Gln Glu Trp Leu Ala
            245   250   255

Lys Arg Gln Gly Ala Arg Tyr Val Trp Asn Arg Thr Glu Leu Met Gln
            260   265   270

Ala Ser Leu Asp Pro Ser Val Thr His Leu Met Gly Leu Phe Glu Pro
    275   280   285

Gly Asp Met Lys Tyr Glu Ile His Arg Asp Ser Thr Leu Asp Pro Ser
    290   295   300

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     Arg Gly Phe Phe Leu Phe Val Glu Gly Gly Arg Ile Asp His Gly His
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10

     His Glu Ser Arg Ala Tyr Arg Ala Leu Thr Glu Thr Ile Met Phe Asp
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15   Asp Ala Ile Glu Arg Ala Gly Gln Leu Thr Ser Glu Glu Asp Thr Leu
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     Ser Leu Val Thr Ala Asp His Ser His Val Phe Ser Phe Gly Gly Tyr
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     Pro Leu Arg Gly Ser Ser Ile Phe Gly Leu Ala Pro Gly Lys Ala Arg
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25

     Asp Arg Lys Ala Tyr Thr Val Leu Leu Tyr Gly Asn Gly Pro Gly Tyr
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     Val Leu Lys Asp Gly Ala Arg Pro Asp Val Thr Glu Ser Glu Ser Gly
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35   Ser Pro Glu Tyr Arg Gln Gln Ser Ala Val Pro Leu Asp Glu Glu Thr
                 435             440             445

     His Ala Gly Glu Asp Val Ala Val Phe Ala Arg Gly Pro Gln Ala His
40       450             455             460

     Leu Val His Gly Val Gln Glu Gln Thr Phe Ile Ala His Val Met Ala
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     Phe Ala Ala Cys Leu Glu Pro Tyr Thr Ala Cys Asp Leu Ala Pro Pro
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50   Ala Gly Thr Thr Asp Ala Ala His Pro Gly Tyr Ser Arg Val Gly Ala
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55   Ala Gly Arg Phe Glu Gln Thr
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